MINERALOGICAL ABSTRACTS

VOLUME 27 1976

PRINCIPAL EDITOR R. A. HOWIE

EDITORS C. M. B. HENDERSON P. BROWNE

INDEXERS A. M. and L. J. CLARK

SUB-EDITORS

DR. T. W. BLOXAM MR. R. J. L. COLVINE MISS E. E. FEJER DR. R. K. HERD

DR. D. R. C. KEMPE DR. W. J. McHARDY DR. L. PARSONS

ORGANIZERS OF ABSTRACTS

Great Britain:

DR. C. M. B. HENDERSON. Dept. of Geology, The University Manchester, M13 9PL.

America:

DR. R. V. DIETRICH. Dept. of Geology. Central Michigan University. Mount Pleasant Michigan 48859

Argentina:

DR. M. A. LEVERATTO, Dept. de Geologia, Univ. de Buenos Aires.

Australia:

DR. J. A. HALLBERG, C.S.I.R.O., Min Res. Laboratories, P.O. Wembley, Western Australia 6014.

PROF. HANS I. WIESENEDER, Mineralogisch-Petrographisches Institut, Universität Wien.

Austria:

Belgium:

DR. R. VAN TASSEL, Institut Royal des Sciences Naturelles, Brussels.

Bulgaria:

PROF. IV. KOSTOV, Chair of Mineralogy, University of Sofia.

Canada:

PROF. L. G. BERRY, Queen's University, Kingston, Ontario.

Czechoslovakia:

PROF. DR. M. KODĚRA, Katedra Min. Kryšt., University Komenského, Bratislava. MR, OLE JOHNSEN, Mineralogisk Museum, Ostervoldgade 5-7, DK-1350 Copenhagen K.

Denmark:

DR. E. M. EL SHAZLY, Geological Society of Egypt, 1 Elhamy St., Kasr El Doubara, Cairo.

Egypt: Finland:

DR. J. SIIVOLA, Geological Survey of Finland, SF-02150 Esbo 15. DR. ISA KUBACH, Joachim Becherstrasse, 2 Frankfurt-am-Main.

Germanv:

DR. V. K. NAYAK, Centre of Advanced Study in Geology, Univ. Saugar.

India: Israel:

DR. DAN H. YAALON, The Hebrew University of Jerusalem.

Italy:

PROF. EDOARDO SANERO, Istituto di Mineralogia e Petrografia, Università di Genova.

Japan: Netherlands: DR. ICHIRO SUNAGAWA, Inst. Min. Petr. & Econ. Geology, Tohoku Univ., Sendai. DR. B. V. D. PIJPEKAMP, Billiton Research BV, Postbus 38, Arnhem.

New Zealand:

DR. G. A. CHALLIS, N.Z. Geol. Survey, P.O. Box 30368, Lower Hutt. PROF. I TH. ROSENQVIST, Institutt for Geologi, Universitetet, Oslo.

Pakistan: Portugal:

Norway:

DR. F. A. SHAMS, University of the Punjab, Lahore, West Pakistan. PROF. L. A. A. BARROS, Lab. de Mineralogia y Petrologia, Av. Rovisco Pais, Lisboa I.

South Africa:

PROF. H. V. EALES Dept. of Geology, Rhodes University, Grahamstown.

Spain:

DR R. RODRIGUEZ CLEMENTE, Dept. Crystalografia y Mineralogia, Universidad, Barcelona

Sweden:

DR. B. LINDQVIST, Mineralogisk Geol. Inst., Uppsala.

Switzerland:

PROF. DR. TH. HÜGI, Mineralog-Petrograph. Institut, Sahlistrasse 6, Bern.

CONTENTS

Age determination	76-1, 1230, 2204, 3096
Apparatus and techniques	76-35, 1294, 2234, 3117
Book notices	76-91, 1336, 2277, 3143
Clay minerals	76-114, 1355, 2291, 3159
Crystal structure	76-184, 1404, 2323, 3258
Economic minerals and ore deposits	76-260, 1448, 2389, 3317
Experimental mineralogy	76-361, 1537, 2486, 3365
Gemstones	76-544, 1660, 2590, 3450
Geochemistry	76-555, 1725, 2612, 3469
Lunar studies	76-675, 1856, 2700
Meteorites and tektites	76-698, 1869, 2704, 3551
Mineral data	76-720, 1892, 2717, 3569
New minerals	76-875, 1985, 2855, 3673
Petrology	76-889, 1990, 2870, 3684
Physical properties of rocks and minerals	76-1168, 2163, 3037, 3826
Topographical mineralogy	76-1203, 2185, 3065, 3845
Various topics	76-1216, 2194, 3086, 3854

Place-names are, in general, in the form used in the Columbia-Lippincott Gazetteer of the World (1952 edition); alternative forms are given on occasion.

Grateful thanks are due to those readers who have notified us of errors in volume 27 of *Mineralogical Abstracts*.